

TECHNICAL DATA SHEET



Eurovent **GEOTEX**

Eurovent® GEOTEX geotextile is made of thermally bonded continuous polypropylene fibres and is stabilized against UV radiation. It is used in the construction of sports fields, pavements, and bicycle paths, as well as in vertical, infiltration, irrigation, and drainage systems with drainage pipes. Thanks to its unique structure and manufacturing technology, it provides filtration and protection, stabilizes the ground, separates individual substrate layers, and protects other construction materials from damage.

PARAMETER		UNIT	VALUE
Material			Thermoset polypropylene
Roll size		[m x mb]	0,5; 1,0; 1,5; 2,0 x 50
Mass per unit area		[g/m ²]	100
Tensile strength MD/CD		[kN/m] EN ISO 10319	7,5 (- 1,0) / 8,5 (- 1,1)
Elongation at break MD/CD		[%] EN ISO 10319	60 (+/- 20) / 60 (+/- 20)
Static puncture resistance (CBR)		[kN] EN ISO 12236	1,30 (- 0,13)
Cone drop resistance		[mm] EN ISO 13433	33 (+ 5)
Characteristic opening size		[O ₉₀ μm] EN ISO 12956	100 (+/- 25)
Normal permeability to the plane (ΔH = 50 mm)		[l/m ² s] EN ISO 11058	95 (- 24)
Water flow capacity in the plane, i = 1, MD	Compressive stress	20 kPa	18 (-3,60)
		100 kPa	6,5 (-1,3)
		200 kPa	3,5 (0,7)
Pallet		[rolls]	0,5 m: 96 1,0 m: 24 1,5 m: 12 2,0 m: 12



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Application: Eurovent[®] GEOTEX geotextile is used in the construction of sports fields, pavements, bicycle paths, as well as vertical, infiltration, irrigation, and drainage systems with drainage pipes. As a filtration layer, it provides long-term filtration and is used, among others, for planting vegetation along riverbanks and water reservoirs, supporting irrigation of roadside greenery, and preventing the washout of bedding sand during paving works. As a drainage layer, it is applied in the drainage of foundation walls and building foundations. As a separation layer, it is used in the construction of forest roads, access roads, pavements, bicycle paths, and parking areas.

Safety: The product is not intended for consumption. Avoid contact with eyes. In the event of skin irritation, consult a physician.

Storage / transport: The product should be stored at room temperature, in its original packaging, in dry, covered areas free from moisture. Under heavy loads, the bracket may become deformed; therefore, it is recommended not to stack the product with other heavy items, both during transport and storage. The brackets should be transported using covered means of transport and properly secured against damage. Transport safety regulations must be observed during transportation. The product must be protected from exposure to chemicals that could reduce its technical performance or cause permanent damage.

The product is covered by a warranty provided that the guidelines included in the technical data sheet are strictly followed. The manufacturer reserves the right to refuse warranty claims in the event of failure to comply with the specified guidelines.

Contained information, advice and guidance is given based on our knowledge, researches, experience and in good faith. We are not responsible for the consequences of improper or incorrect use of our products. Each user of this material will ensure in every possible way, including an examination of the final product in the relevant conditions, the suitability of supplied materials to achieve the objectives pursued by him.

Product information can be found on the website: www.eurovent.de

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